

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 January 2001 (18.01.2001)

PCT

(10) International Publication Number
WO 01/04297 A2

- (51) International Patent Classification: C12N 15/12. (74) Agents: AOYAMA, Tamotsu et al.: Aoyama & Partners, IMP Building, 3-7, Shiomi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (21) International Application Number: PCT/JP00/03942
- (22) International Filing Date: 16 June 2000 (16.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 11/194359 8 July 1999 (08.07.1999) JP
- (71) Applicants (for all designated States except US): SAGAMI CHEMICAL RESEARCH CENTER (JP/JP); 4-1, Nishi-Ohnuma 4-chome, Sagamihara-shi, Kanagawa 229-0012 (JP); PROTEGENE INC. (JP/JP); 2-20-3, Naka-cho, Meguro-ku, Tokyo 153-0065 (JP).
- (72) Inventors; and
- (73) Inventors/Applicants (for US only: KATO, Seishi (JP/JP); 3-45-50, Wakamatsu, Sagamihara-shi, Kanagawa 229-0014 (JP); KIMURA, Tomoko (JP/JP); 715, 2-9-1, Kohoku, Tsuchura-shi, Ibaraki 900-0032 (JP).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
Without international search report and to be republished upon receipt of that report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/04297 A2

(54) Title: HUMAN PROTEINS HAVING HYDROPHOBIC DOMAINS AND DNAs ENCODING THESE PROTEINS

(57) Abstract: The present invention provides human proteins having hydrophobic domains, DNAs encoding these proteins, expression vectors for these DNAs, transformed eukaryotic cells expressing these DNAs and antibodies directed to these proteins.